Optimize your APS or wire-arc coating process:
- yield
- coating properties
- development effort
- production time
with this low-cost, camera-based thermal spray monitoring system.

New concept in thermal spray diagnostics

Find the sweet spot of your set-up

Coating wear rate
Process yield
Carrier gas flow

Application for diagnostics of radially inserted APS spray process
Diagnostics of thermal spray process was never this easy. Use SprayWatch G to optimize the spray operating parameters in an intuitive, quick and repeatable manner. Give instantaneous feedback to the operator for rapid adjustment of the process under variable environment, gun and feed line conditions.

How it works:
SprayWatch G camera system uses special optical filters to separate plasma flame and powder plume optical emission to facilitate analysis of respective emission features.

SprayWatch G will measure key properties of your process by combining features of plasma flame and powder plume to make a quick analysis of the system condition.

Measured properties:
- flame and plume geometry*
- position
- orientation
- fan angle
- particle flux
- particle velocity
- plasma brightness*

*only with APS

Regain control with SprayWatch G